

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L75	1	("6695867").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 19:43
L74	48	((ANTHONY) near2 (PANTAGES)).INV.	US-PGPUB; USPAT	OR	OFF	2011/02/22 19:34
L73	167	((RICHARD) near2 (GINN)). INV.	US-PGPUB; USPAT	OR	OFF	2011/02/22 19:29
L72	12	((("4273129") or ("4596559") or ("4693249") or ("5030226") or ("5309927") or ("5327908") or ("5476505") or ("6019779") or ("7819895") or ("20060030867") or ("20080058839") or ("20080093414")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 18:31
L71	1	("6179849").PN.	USPAT; USOCR	OR	OFF	2011/02/22 18:28
L13	1	("5290310").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 18:18
L12	2	((("6632237") or ("20020091399")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 18:17
L11	1	("20030158578").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 18:17
L10	1	("20040167570").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 18:16
L9	1	("6695897").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 18:00
L8	110	("20030009180" "20030093096" "3586002" "3604425" "3677243" "3757629" "3805337" "4192315" "4217902" "4345606" "4396139" "4411654" "4412832" "4485816" "4505274" "4586503" "4687469" "4772266" "4777950" "4860746" "4865026" "4917087" "4950258" "5007921" "5026390" "5053008" "5108420" "5156609" "5167643" "5176648"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:56

		"5192302" "5222974" "5275616" "5290310" "5304184" "5318542" "5334217" "5366458" "5478354" "5527322" "5674231" "5683405" "5695505" "5782844" "5782860" "5782861" "5810776" "5810846" "5810851" "5817113" "5820631" "5830125" "5879366" "5910155" "5922009" "5951518" "5951589" "5964782" "5984934" "6007563" "6036720" "6045570" "6056769" "6056770" "6063085" "6077281" "6077291" "6080182" "6080183" "6113612" "6120524" "6152937" "6348064" "RE31855"). PN. OR ("6749621").URPN.				
L7	2	((("20030158578") or ("6749621")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:56
L6	1	("20040073255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:55
L5	1	("20040153122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:48
L4	1	("7867249").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:48
L3	1	("20040167570").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:47
L2	1	("20060287674").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:47
L1	1	("20090054912").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/22 17:46
S732	1	("5593412").PN.	USPAT; USOCR	OR	OFF	2011/02/15 15:41
S731	1	("5674231").PN.	USPAT; USOCR	OR	OFF	2011/02/15 15:40
S730	1	("4596559").PN.	USPAT; USOCR	OR	OFF	2011/02/15 15:40
S729	32	("5192300" "5324306" "5354271" "5441517" "5522840" "5741223" "5792152" "5868778" "5906631" "5984948" "6017359").PN. OR ("6110184").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 15:40
S728	2	((("6110184") or ("6447540")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 15:39

S727	609	("0287046" "0438400" "1088393" "1331401" "1426111" "1516990" "1596004" "1647958" "1847347" "1852098" "1880569" "20010007077" "20010031972" "20010047180" "20020026208" "20020026215" "20020042622" "20020049472" "20020058960" "20020072768" "20020077657" "20020082641" "20020107542" "20020133193" "20020151921" "20020188318" "20020193808" "20030004543" "20030009180" "20030009196" "20030032981" "20030065358" "20030078598" "20030083679" "20030093096" "20030097140" "20030109890" "20030125766" "20030158577" "20030158578" "20030195504" "20030195561" "20040009289" "20040010285" "20040039414" "20040073236" "20040073255" "20040082906" "20040087985" "20040092964" "20040092968" "20040097978" "20040153122" "20040153123" "20040167570" "20040254591" "20040267312" "20050059982" "20050090859" "20050119695" "20050165357" "20050216057" "20050234508"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 15:35
------	-----	---	---------------------------	----	-----	---------------------

"20050267530"	
"20050274768"	
"20050283188"	
"20060020270"	
"20060135989"	
"20060144479"	
"20060167484"	
"20060190014"	
"20060190037"	
"20060190038"	
"20060195123"	
"20060195124"	
"20060265012"	
"20060287674"	
"20070010853"	
"20070010854"	
"20070021778"	
"20070270904"	
"20070276416"	
"20070282352"	
"20080004636"	
"20080065152"	
"20080210737"	
"20080221616"	
"20080269801"	
"20080269802"	
"20080272173"	
"20080312666"	
"20080312686"	
"20090157102"	
"20090157103"	
"2075508"	"2087074"
"2254620")	PN. OR
("2316297"	"2453227"
"2583625"	"2684070"
"2910067"	"2944311"
"2951482"	"2969887"
"3014483"	"3015403"
"3113379"	"3120230"
"3142878"	"3209754"
"3482428"	"3494533"
"3513848"	"3523351"
"3525340"	"3586002"
"3604425"	"3664345"
"3677243"	"3732719"
"3750650"	"3753438"
"3757629"	"3805337"
"3828791"	"3831608"
"3856016"	"3874388"
"3908662"	"3931821"
"3944114"	"3976079"
"4014492"	"4064881"
"4162673"	"4169476"
"4192315"	"4201215"
"4204541"	"4207870"
"4214587"	"4215699"
"4217902"	"4278091"
"4287489"	"4291698"
"4317445"	"4318401"

"4327485"	"4345606"
"4368736"	"4387489"
"4396139"	"4400879"
"4411654"	"4412832"
"4428376"	"4440170"
"4485816"	"4505273"
"4505274"	"4523695"
"4525157"	"4526174"
"4577635"	"4586503"
"4607638"	"4610251"
"4610252"	"4635634"
"4644956"	"4665906"
"4667675"	"4683895"
"4687469"	"4724840"
"4738658"	"4744364"
"4747407"	"4750492"
"4759364"	"4771782"
"4772266"	"4773421"
"4777950"	"4789090"
"4813586"	"4823794"
"4832688"	"4836204"
"4852568"	"4860746"
"4865026"	"4866818"
"4874122"	"4878915"
"4887601"	"4917087"
"4917089"	"4929240"
"4934364"	"4950258"
"4957499"	"4961729"
"4997439"	"5007921"
"5009663"	"5015247"
"5021059"	"5026390"
"5032127"	"5047047"
"5053008"	"5059201"
"5061274"	"5071430"
"5078731"	"5092941"
"5100418"	"5108420"
"5108421")	PN. OR
("5114032"	"5114065"
"5116349"	"5122122"
"5122156"	"5131379"
"5147381"	"5156609"
"5158566"	"5160339"
"5167634"	"5171249"
"5171250"	"5171251"
"5176648"	"5176682"
"5192288"	"5192300"
"5192301"	"5192302"
"5192602"	"5203787"
"5209756"	"5217024"
"5219359"	"5222971"
"5222974"	"5226908"
"5234449"	"5236435"
"5236445"	"5242457"
"5242459"	"5246156"
"5246443"	"5250058"
"5258015"	"5269792"
"5275616"	"5282808"
"5282832"	"5290243"
"5290310"	"5292309"

"5292332"	"5304184"
"5306254"	"5306280"
"5318542"	"5320639"
"5330442"	"5334216"
"5334217"	"5335680"
"5340360"	"5350399"
"5352229"	"5364406"
"5364408"	"5366458"
"5366479"	"5376101"
"5383896"	"5383905"
"5391173"	"5392978"
"5395030"	"5409499"
"5411520"	"5413571"
"5413584"	"5416584"
"5417699"	"5419777"
"5423857"	"5425489"
"5431639"	"5431667"
"5437631"	"5443477"
"5443481"	"5449359"
"5456400"	"5462558"
"5462561"	"5470010"
"5474557"	"5474572"
"5478352"	"5478353"
"5478354"	"5486195"
"5497933"	"5501698"
"5507744"	"5507755"
"5514159"	"5521184"
"5522840"	"5527322"
"5536251"	"5540712"
"5540716"	"5543520"
"5544802"	"5547474"
"5560532"	"5575771"
"5584879"	"5591205"
"5593412"	"5593422"
"5593425"	"5601602"
"5611986"	"5618291"
"5618306"	"5620452"
"5620461"	"5630824"
"5643318"	"5645553"
"5645565"	"5645566"
"5645567")	PN. OR
("5669917"	"5674231"
"5676689"	"5676974"
"5681334"	"5681351"
"5683405"	"5690674"
"5695504"	"5695505"
"5695524"	"5700273"
"5709708"	"5716375"
"5720755"	"5720765"
"5725552"	"5725554"
"5725556"	"5728109"
"5728114"	"5728122"
"5728132"	"5732872"
"5735873"	"5735875"
"5735877"	"5749898"
"5752966"	"5755778"
"5766246"	"5769862"
"5769870"	"5776150"
"5779707"	"5782844"

"5782860"	"5782861"
"5782864"	"5795958"
"5797931"	"5797933"
"5797958"	"5810776"
"5810846"	"5810851"
"5810877"	"5814069"
"5817113"	"5820631"
"5827298"	"5830125"
"5833698"	"5843167"
"5846254"	"5853421"
"5853422"	"5855312"
"5858082"	"5860991"
"5861005"	"5868755"
"5871474"	"5871490"
"5871501"	"5871525"
"5879366"	"5893592"
"5902310"	"5904697"
"5907893"	"5910155"
"5919208"	"5922009"
"5935147"	"5938667"
"5941890"	"5947999"
"5951518"	"5951576"
"5951589"	"5964782"
"5976159"	"5984934"
"5984949"	"5993468"
"5993476"	"6001110"
"6004341"	"6007563"
"6022372"	"6024750"
"6024758"	"6030364"
"6030413"	"6033427"
"6036703"	"6036720"
"6045570"	"6048358"
"6056768"	"6056769"
"6056770"	"6059800"
"6063085"	"6063114"
"6066160"	"6071300"
"6074409"	"6077281"
"6077291"	"6080182"
"6080183"	"6086608"
"6090130"	"6092561"
"6099553"	"6102271"
"6106545"	"6110184"
"6113612"	"6117125"
"6117148"	"6120524"
"6126677")	PN. OR
("6136010"	"6143017"
"6149660"	"6149667"
"6152144"	"6152934"
"6152937"	"6159234"
"6165204"	"6174324"
"6193734"	"6197042"
"6200329"	"6203565"
"6206913"	"6220248"
"6221102"	"6231592"
"6254615"	"6254642"
"6277140"	"6280460"
"6287322"	"6305891"
"6322580"	"6334865"
"6348064"	"6383208"

		"6391048" "6398752" "6402765" "6409739" "6419669" "6423054" "6428548" "6443158" "6447540" "6450391" "6458130" "6461364" "6488692" "6500115" "6506210" "6517569" "6533762" "6537288" "6547806" "6569173" "6582452" "6599303" "6602263" "6613059" "6616686" "6623510" "6626918" "6632238" "6634537" "6645205" "6652538" "6652556" "6669714" "6676671" "6679904" "6689147" "6695867" "6699256" "6702826" "6712836" "6719777" "6726704" "6749621" "6749622" "6755842" "6767356" "6780197" "6846319" "6896687" "6926723" "6926731" "6942674" "6942691" "6964668" "6989003" "6989016" "7001398" "7001400" "7008435" "7033379" "7063711" "7108709" "7108710" "7111768" "7144411" "7163551" "7169158" "7169164" "7211101" "7396359" "7533790" "D383539" "D457958" "D566272" "RE31855" "RE34866" PN. OR ("7828817").URPN.				
S726	16	US-1649731-\$.DID. OR US- 4273129-\$.DID. OR US- 4596559-\$.DID. OR US- 4693249-\$.DID. OR US- 5030226-\$.DID. OR US- 5309927-\$.DID. OR US- 5327908-\$.DID. OR US- 5476505-\$.DID. OR US- 6019779-\$.DID. OR US- 7819895-\$.DID. OR US- 20060030867-\$.DID. OR US-20080058839-\$.DID. OR US-20080093414-\$. DID. OR US-2397240-\$. DID. OR WO-0412602-\$. DID. OR WO-08036384-\$. DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 15:26

S725	8	((("5309927") or ("5476505") or ("20020188318") or ("20080058839") or ("20020133193") or ("20040153122") or ("4693249") or ("4273129") or ("5327908") or ("5620452") or ("4874122") or ("6482224")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:53
S724	2	((("5309927") or ("5476505")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:48
S723	36	("2002/0026208").URFN.	USPAT	OR	OFF	2011/02/15 14:48
S722	4	((("5674231") or ("5306254") or ("20020026208") or ("5735873")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:47
S721	1	("4665906").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:43
S720	2	((("6179849") or ("6322580")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:43
S719	134	(US-20020072768-\$ or US-20030083679-\$ or US-20020004676-\$ or US-20020151921-\$ or US-20020107542-\$ or US-20020077657-\$ or US-20020026208-\$ or US-20020123786-\$ or US-20020062129-\$ or US-20020035391-\$ or US-20010004699-\$ or US-20020029064-\$ or US-20010039430-\$ or US-20030125619-\$ or US-20020082641-\$ or US-20010007077-\$).did. or (US-5820631-\$ or US-5304184-\$ or US-5383896-\$ or US-6656207-\$ or US-5853421-\$ or US-6254550-\$ or US-6599303-\$ or US-6517569-\$ or US-6780197-\$ or US-6699256-\$ or US-6676671-\$ or US-6254642-\$ or US-5720755-\$ or US-4368736-\$ or US-4204541-\$ or US-5951518-\$ or US-5275616-\$ or US-5167634-\$ or US-4772266-\$ or US-6887417-\$ or US-6758854-\$ or US-5735819-\$ or US-5250033-\$ or US-5222970-	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:40

\$ or US-5158545-\$ or US-4983168-\$).did. or (US-3877429-\$ or US-6391048-\$ or US-6197042-\$ or US-6152937-\$ or US-5674231-\$ or US-5593412-\$ or US-5868755-\$ or US-6695856-\$ or US-6651670-\$ or US-6632234-\$ or US-6579224-\$ or US-6322580-\$ or US-6312442-\$ or US-5873880-\$ or US-5730756-\$ or US-6669719-\$ or US-6254628-\$ or US-5868707-\$ or US-5766203-\$ or US-4921479-\$ or US-4738666-\$ or US-6348064-\$ or US-6645205-\$ or US-5695504-\$ or US-5320639-\$ or US-5318542-\$ or US-4887601-\$).did. or (US-6755842-\$ or US-6533762-\$ or US-6506210-\$ or US-6428548-\$ or US-6419669-\$ or US-6277140-\$ or US-6149667-\$ or US-6110184-\$ or US-6036720-\$ or US-6030364-\$ or US-5830125-\$ or US-5769862-\$ or US-5478354-\$ or US-3677243-\$ or US-7303552-\$ or US-7204840-\$ or US-6979319-\$ or US-6887251-\$ or US-6623460-\$ or US-6582390-\$ or US-6471709-\$ or US-6428498-\$ or US-6293927-\$ or US-6221081-\$ or US-6093194-\$ or US-6036698-\$ or US-6033413-\$).did. or (US-5992000-\$ or US-5957952-\$ or US-5755775-\$ or US-5743882-\$ or US-5300106-\$ or US-5190528-\$ or US-6077295-\$ or US-5782838-\$ or US-4596559-\$ or US-6517566-\$ or US-5250058-\$ or US-7074232-\$ or US-6080174-\$ or US-5540658-\$ or US-5454790-\$ or US-5431676-\$ or US-6494893-\$ or US-6325812-\$ or US-6508822-\$ or US-6309416-\$ or US-6979338-\$ or US-6602263-\$ or US-6440163-\$ or US-5397345-\$ or US-5817113-\$ or US-6179848-\$ or US-6187020-\$).did. or (US-6203553-\$ or US-6241743-\$ or US-6485513-\$ or US-

		6719777-\$ or US-6632238-\$ or US-7198631-\$ or US-5907893-\$ or US-7396359-\$ or US-6989003-\$ or US-6447540-\$).did. or (EP-774237-\$).did.				
S718	97	("3204635" "3760808" "4424054" "5290295" "5395308").FN. OR ("5593412").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S717	1	("5,593,412").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S716	1	(10/682459).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S715	134	(US-20020072768-\$ or US-20030083679-\$ or US-20020004676-\$ or US-20020151921-\$ or US-20020107542-\$ or US-20020077657-\$ or US-20020026208-\$ or US-20020123786-\$ or US-20020062129-\$ or US-20020035391-\$ or US-20010004699-\$ or US-20020029064-\$ or US-20010039430-\$ or US-20030125619-\$ or US-20020082641-\$ or US-20010007077-\$).did. or (US-5820631-\$ or US-5304184-\$ or US-5383896-\$ or US-6656207-\$ or US-5853421-\$ or US-6254550-\$ or US-6599303-\$ or US-6517569-\$ or US-6780197-\$ or US-6699256-\$ or US-6676671-\$ or US-6254642-\$ or US-5720755-\$ or US-4368736-\$ or US-4204541-\$ or US-5951518-\$ or US-5275616-\$ or US-5167634-\$ or US-4772266-\$ or US-6887417-\$ or US-6758854-\$ or US-5735819-\$ or US-5250033-\$ or US-5222970-\$ or US-5158545-\$ or US-4983168-\$).did. or (US-3877429-\$ or US-6391048-\$ or US-6197042-\$ or US-6152937-\$ or US-5674231-\$ or US-5593412-\$ or US-5868755-\$ or US-6695856-\$ or US-6651670-\$ or US-6632234-\$ or US-6579224-\$ or US-6322580-\$ or US-6312442-\$ or US-5873880-	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39

		\$ or US-5730756-\$ or US-6669719-\$ or US-6254628-\$ or US-5868707-\$ or US-5766203-\$ or US-4921479-\$ or US-4738666-\$ or US-6348064-\$ or US-6645205-\$ or US-5695504-\$ or US-5320639-\$ or US-5318542-\$ or US-4887601-\$).did. or (US-6755842-\$ or US-6533762-\$ or US-6506210-\$ or US-6428548-\$ or US-6419669-\$ or US-6277140-\$ or US-6149667-\$ or US-6110184-\$ or US-6036720-\$ or US-6030364-\$ or US-5830125-\$ or US-5769862-\$ or US-5478354-\$ or US-3677243-\$ or US-7303552-\$ or US-7204840-\$ or US-6979319-\$ or US-6887251-\$ or US-6623460-\$ or US-6582390-\$ or US-6471709-\$ or US-6428498-\$ or US-6293927-\$ or US-6221081-\$ or US-6093194-\$ or US-6036698-\$ or US-6033413-\$).did. or (US-5992000-\$ or US-5957952-\$ or US-5755775-\$ or US-5743882-\$ or US-5300106-\$ or US-5190528-\$ or US-6077295-\$ or US-5782838-\$ or US-4596559-\$ or US-6517566-\$ or US-5250058-\$ or US-7074232-\$ or US-6080174-\$ or US-5540658-\$ or US-5454790-\$ or US-5431676-\$ or US-6494893-\$ or US-6325812-\$ or US-6508822-\$ or US-6309416-\$ or US-6979338-\$ or US-6602263-\$ or US-6440163-\$ or US-5397345-\$ or US-5817113-\$ or US-6179848-\$ or US-6187020-\$).did. or (US-6203553-\$ or US-6241743-\$ or US-6485513-\$ or US-6719777-\$ or US-6632238-\$ or US-7198631-\$ or US-5907893-\$ or US-7396359-\$ or US-6989003-\$ or US-6447540-\$).did. or (EP-774237-\$).did.				
S714	5	S713 not (S697 S711 S709 S707 S705 S703 S701 S699 S696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39

S713	134	(US-20020072768-\$ or US-20030083679-\$ or US-20020004676-\$ or US-20020151921-\$ or US-20020107542-\$ or US-20020077657-\$ or US-20020026208-\$ or US-20020123786-\$ or US-20020062129-\$ or US-20020035391-\$ or US-20010004699-\$ or US-20020029064-\$ or US-20010039430-\$ or US-20030125619-\$ or US-20020082641-\$ or US-20010007077-\$).dtd. or (US-5820631-\$ or US-5304184-\$ or US-5383896-\$ or US-6656207-\$ or US-5853421-\$ or US-6254550-\$ or US-6599303-\$ or US-6517569-\$ or US-6780197-\$ or US-6699256-\$ or US-6676671-\$ or US-6254642-\$ or US-5720755-\$ or US-4368736-\$ or US-4204541-\$ or US-5951518-\$ or US-5275616-\$ or US-5167634-\$ or US-4772266-\$ or US-6887417-\$ or US-6758854-\$ or US-5735819-\$ or US-5250033-\$ or US-5222970-\$ or US-5158545-\$ or US-4983168-\$).dtd. or (US-3877429-\$ or US-6391048-\$ or US-6197042-\$ or US-6152937-\$ or US-5674231-\$ or US-5593412-\$ or US-5868755-\$ or US-6695856-\$ or US-6651670-\$ or US-6632234-\$ or US-6579224-\$ or US-6322580-\$ or US-6312442-\$ or US-5873880-\$ or US-5730756-\$ or US-6669719-\$ or US-6254628-\$ or US-5868707-\$ or US-5766203-\$ or US-4921479-\$ or US-4738666-\$ or US-6348064-\$ or US-6645205-\$ or US-5695504-\$ or US-5320639-\$ or US-5318542-\$ or US-4887601-\$).dtd. or (US-6755842-\$ or US-6533762-\$ or US-6506210-\$ or US-6428548-\$ or US-6419669-\$ or US-6277140-\$ or US-6149667-\$ or US-6110184-\$ or US-6036720-	US-PGRUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
------	-----	--	-------------------------	----	-----	---------------------

		\$ or US-6030364-\$ or US-5830125-\$ or US-5769862-\$ or US-5478354-\$ or US-3677243-\$ or US-7303552-\$ or US-7204840-\$ or US-6979319-\$ or US-6887251-\$ or US-6623460-\$ or US-6582390-\$ or US-6471709-\$ or US-6428498-\$ or US-6293927-\$ or US-6221081-\$ or US-6093194-\$ or US-6036698-\$ or US-6033413-\$).did. or (US-5992000-\$ or US-5957952-\$ or US-5755775-\$ or US-5743882-\$ or US-5300106-\$ or US-5190528-\$ or US-6077295-\$ or US-5782838-\$ or US-4596559-\$ or US-6517566-\$ or US-5250058-\$ or US-7074232-\$ or US-6080174-\$ or US-5540658-\$ or US-5454790-\$ or US-5431676-\$ or US-6494893-\$ or US-6325812-\$ or US-6508822-\$ or US-6309416-\$ or US-6979338-\$ or US-6602263-\$ or US-6440163-\$ or US-5397345-\$ or US-5817113-\$ or US-6179848-\$ or US-6187020-\$).did. or (US-6203553-\$ or US-6241743-\$ or US-6485513-\$ or US-6719777-\$ or US-6632238-\$ or US-7198631-\$ or US-5907893-\$ or US-7396359-\$ or US-6989003-\$ or US-6447540-\$).did. or (EP-774237-\$).did.				
S712	0	S711 not (\$697 S709 S707 S705 S703 S701 \$699 \$696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
S711	19	(US-20020072768-\$ or US-20020026208-\$).did. or (US-5820631-\$ or US-5735819-\$ or US-6391048-\$ or US-5674231-\$ or US-5868755-\$ or US-6322580-\$ or US-6645205-\$ or US-6428548-\$ or US-6149667-\$ or US-6110184-\$ or US-5830125-\$ or US-6093194-\$ or US-6080174-\$ or US-6508822-\$ or US-6179848-\$ or US-6187020-\$ or US-6203553-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39

S710	0	S709 not (S697 S707 S705 S703 S701 S699 S696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
S709	124	(US-20020072768-\$ or US-20030083679-\$ or US-20020004676-\$ or US-20020151921-\$ or US-20020107542-\$ or US-20020077657-\$ or US-20020026208-\$ or US-20020123786-\$ or US-20020062129-\$ or US-20020035391-\$ or US-20010004699-\$ or US-20020029064-\$ or US-20010039430-\$ or US-20030125619-\$).did. or (US-5820631-\$ or US-5304184-\$ or US-5383896-\$ or US-6656207-\$ or US-5853421-\$ or US-6254550-\$ or US-6599303-\$ or US-6517569-\$ or US-6780197-\$ or US-6699256-\$ or US-6676671-\$ or US-6254642-\$ or US-5720755-\$ or US-4368736-\$ or US-4204541-\$ or US-5951518-\$ or US-5275616-\$ or US-5167634-\$ or US-4772266-\$ or US-6887417-\$ or US-6758854-\$ or US-5735819-\$ or US-5250033-\$ or US-5222970-\$ or US-5158545-\$ or US-4983168-\$).did. or (US-3877429-\$ or US-6391048-\$ or US-6197042-\$ or US-6152937-\$ or US-5674231-\$ or US-5593412-\$ or US-5868755-\$ or US-6695856-\$ or US-6651670-\$ or US-6632234-\$ or US-6579224-\$ or US-6322580-\$ or US-6312442-\$ or US-5873880-\$ or US-5730756-\$ or US-6669719-\$ or US-6254628-\$ or US-5868707-\$ or US-5766203-\$ or US-4921479-\$ or US-4738666-\$ or US-6348064-\$ or US-6645205-\$ or US-5695504-\$ or US-5320639-\$ or US-5318542-\$ or US-4887601-\$).did. or (US-6755842-\$ or US-6533762-\$ or US-6506210-\$ or US-6428548-\$ or US-6419669-\$ or US-6277140-\$ or US-6149667-\$ or US-6110184-\$ or US-6036720-	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39

		\$ or US-6030364-\$ or US-5830125-\$ or US-5769862-\$ or US-5478354-\$ or US-3677243-\$ or US-7303552-\$ or US-7204840-\$ or US-6979319-\$ or US-6887251-\$ or US-6623460-\$ or US-6582390-\$ or US-6471709-\$ or US-6428498-\$ or US-6293927-\$ or US-6221081-\$ or US-6093194-\$ or US-6036698-\$ or US-6033413-\$).did. or (US-5992000-\$ or US-5957952-\$ or US-5755775-\$ or US-5743882-\$ or US-5300106-\$ or US-5190528-\$ or US-6077295-\$ or US-5782838-\$ or US-4596559-\$ or US-6517566-\$ or US-5250058-\$ or US-7074232-\$ or US-6080174-\$ or US-5540658-\$ or US-5454790-\$ or US-5431676-\$ or US-6494893-\$ or US-6325812-\$ or US-6508822-\$ or US-6309416-\$ or US-6979338-\$ or US-6602263-\$ or US-6440163-\$ or US-5397345-\$ or US-5817113-\$ or US-6179848-\$ or US-6187020-\$).did. or (US-6203553-\$ or US-6241743-\$).did. or (EP-774237-\$).did.				
S708	135	S707 not (S697 S705 S703 S701 S699 S696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
S707	314	(US-20020072768-\$ or US-20030083679-\$ or US-20020042622-\$ or US-20080221614-\$ or US-20020111652-\$ or US-20040186545-\$ or US-20030139758-\$ or US-20030108397-\$ or US-20030077141-\$ or US-20020173808-\$ or US-20020099394-\$ or US-20020062618-\$ or US-20020004676-\$ or US-20040087985-\$ or US-20020151921-\$ or US-20020107542-\$ or US-20020082641-\$ or US-20020077657-\$ or US-20020026208-\$ or US-20090062832-\$ or US-20090030374-\$ or US-20090005852-\$ or US-	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2011/02/15 14:39

20080319524-\$ or US-
20080312578-\$ or US-
20080262431-\$ or US-
20080262430-\$).did. or
(US-20080262406-\$ or US-
20080243224-\$ or US-
20080208133-\$ or US-
20080071221-\$ or US-
20080065186-\$ or US-
20040010281-\$ or US-
20040006330-\$ or US-
20030125619-\$ or US-
20030078645-\$ or US-
20030023198-\$ or US-
20020198560-\$ or US-
20020123786-\$ or US-
20020121282-\$ or US-
20020107506-\$ or US-
20020091352-\$ or US-
20020062129-\$ or US-
20020052610-\$ or US-
20020035391-\$ or US-
20020022858-\$ or US-
20020010502-\$ or US-
20020010442-\$ or US-
20020010416-\$ or US-
20020004680-\$ or US-
20010044624-\$ or US-
20010004699-\$ or US-
20020029064-\$ or US-
20010039430-\$).did. or
(US-6080182-\$ or US-
6056770-\$ or US-6056769-
\$ or US-6045570-\$ or US-
5951589-\$ or US-5922009-
\$ or US-5820631-\$ or US-
5782861-\$ or US-5782844-
\$ or US-5304184-\$ or US-
5156609-\$ or US-6022372-
\$ or US-5383896-\$ or US-
6814743-\$ or US-6712831-
\$ or US-6656207-\$ or US-
6464712-\$ or US-6409739-
\$ or US-6355050-\$ or US-
5928266-\$ or US-5868778-
\$ or US-5853421-\$ or US-
6254550-\$ or US-5419765-
\$ or US-5626601-\$ or US-
5728122-\$).did. or (US-
5792154-\$ or US-6280457-
\$ or US-7166122-\$ or US-
6468266-\$ or US-6193728-
\$ or US-6165178-\$ or US-
5941888-\$ or US-5853418-
\$ or US-5833705-\$ or US-
5690666-\$ or US-5582619-
\$ or US-5382259-\$ or US-
5304195-\$ or US-5261916-
\$ or US-5250071-\$ or US-

5234437-\$ or US-6238415-
\$ or US-6743247-\$ or US-
5509893-\$ or US-6599303-
\$ or US-6517569-\$ or US-
6461364-\$ or US-6102271-
\$ or US-7169158-\$ or US-
6780197-\$ or US-6712836-
\$ or US-6699256-\$).did. or
(US-6676671-\$ or US-
6537288-\$ or US-6254642-
\$ or US-5833698-\$ or US-
5797933-\$ or US-5720755-
\$ or US-5462561-\$ or US-
4368736-\$ or US-4204541-
\$ or US-7455680-\$ or US-
7449011-\$ or US-7335220-
\$ or US-7335219-\$ or US-
7201725-\$ or US-7048710-
\$ or US-6942674-\$ or US-
5951518-\$ or US-5910155-
\$ or US-5275616-\$ or US-
5192302-\$ or US-5167634-
\$ or US-4772266-\$ or US-
FE31855-\$ or US-6887417-
\$ or US-6824554-\$ or US-
6821287-\$ or US-6758854-
\$).did. or (US-6692464-\$
or US-6258058-\$ or US-
5919160-\$ or US-5765682-
\$ or US-5735819-\$ or US-
5250033-\$ or US-5222970-
\$ or US-5158545-\$ or US-
4983168-\$ or US-4166469-
\$ or US-3877429-\$ or US-
6391048-\$ or US-6197042-
\$ or US-6152937-\$ or US-
3586002-\$ or US-6964675-
\$ or US-5674231-\$ or US-
5593412-\$ or US-5868755-
\$ or US-7398781-\$ or US-
6695856-\$ or US-6651670-
\$ or US-6632234-\$ or US-
6579224-\$ or US-6322580-
\$ or US-6312442-\$ or US-
5873880-\$).did. or (US-
5730756-\$ or US-6237607-
\$ or US-6843795-\$ or US-
6740101-\$ or US-6715976-
\$ or US-6669719-\$ or US-
6524283-\$ or US-6254628-
\$ or US-6152609-\$ or US-
5868707-\$ or US-5766203-
\$ or US-4921479-\$ or US-
4738666-\$ or US-6348064-
\$ or US-7128747-\$ or US-
7463932-\$ or US-6645205-
\$ or US-6629988-\$ or US-
5695504-\$ or US-5320639-
\$ or US-5318542-\$ or US-

5222974-\$ or US-5209756-
\$ or US-5053008-\$ or US-
4887601-\$ or US-4412832-
\$ or US-4411654-\$).did. or
(US-6846319-\$ or US-
6755842-\$ or US-6719777-
\$ or US-6679904-\$ or US-
6632238-\$ or US-6626918-
\$ or US-6533762-\$ or US-
6506210-\$ or US-6428548-
\$ or US-6419669-\$ or US-
6277140-\$ or US-6149667-
\$ or US-6110184-\$ or US-
6036720-\$ or US-6030364-
\$ or US-5941890-\$ or US-
5871490-\$ or US-5830125-
\$ or US-5769862-\$ or US-
5681351-\$ or US-5575771-
\$ or US-6488692-\$ or US-
5478354-\$ or US-4345606-
\$ or US-3677243-\$ or US-
7534250-\$ or US-7524305-
\$).did. or (US-7462167-\$
or US-D576276-\$ or US-
7384426-\$ or US-7384422-
\$ or US-7377909-\$ or US-
7303552-\$ or US-7294296-
\$ or US-7204840-\$ or US-
7195637-\$ or US-6986752-
\$ or US-6979319-\$ or US-
6887251-\$ or US-6887229-
\$ or US-6858019-\$ or US-
6814718-\$ or US-6811545-
\$ or US-6808509-\$ or US-
6743227-\$ or US-6714823-
\$ or US-6692459-\$ or US-
6623460-\$ or US-6592565-
\$ or US-6591144-\$ or US-
6582390-\$ or US-6576005-
\$ or US-6533763-\$ or US-
6497681-\$).did. or (US-
6485513-\$ or US-6478813-
\$ or US-6471709-\$ or US-
6458151-\$ or US-6436068-
\$ or US-6428498-\$ or US-
6315789-\$ or US-6293927-
\$ or US-6221081-\$ or US-
6096022-\$ or US-6093194-
\$ or US-6083207-\$ or US-
6036698-\$ or US-6033413-
\$ or US-5992000-\$ or US-
5957952-\$ or US-5906612-
\$ or US-5827243-\$ or US-
5810884-\$ or US-5755775-
\$ or US-5743882-\$ or US-
5591226-\$ or US-5509897-
\$ or US-5405320-\$ or US-
5324306-\$ or US-5300106-
\$ or US-5290310-\$).did. or

		(US-5190528-\$ or US-5064428-\$ or US-5176648-\$ or US-7011675-\$ or US-6939352-\$ or US-6447540-\$ or US-6077295-\$ or US-5782838-\$ or US-5690644-\$ or US-5643278-\$ or US-5601591-\$ or US-5591172-\$ or US-5562641-\$ or US-5433723-\$ or US-5201901-\$ or US-5192297-\$ or US-5026377-\$ or US-4994066-\$ or US-4596559-\$ or US-4503569-\$ or US-3868956-\$ or US-6517566-\$ or US-6432038-\$ or US-5417226-\$ or US-5256133-\$ or US-5250058-\$ or US-7074232-\$).did. or (US-6746489-\$ or US-5454821-\$ or US-7294136-\$ or US-6080174-\$ or US-5540658-\$ or US-5454790-\$ or US-5431676-\$ or US-4869717-\$ or US-4581025-\$ or US-6887249-\$ or US-6692499-\$ or US-6494893-\$ or US-6406479-\$ or US-6325812-\$ or US-5814058-\$ or US-6899727-\$).did. or (US-1064307-\$ or US-3382872-\$).did. or (EP-774237-\$).did.				
S706	25	S705 not (S697 S703 S701 S699 S696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
S705	132	(US-20020072768-\$ or US-20030083679-\$ or US-20020042622-\$ or US-20080221614-\$ or US-20020111652-\$ or US-20040186545-\$ or US-20030139758-\$ or US-20030108397-\$ or US-20030077141-\$ or US-20020173808-\$ or US-20020099394-\$ or US-20020062618-\$ or US-20020004676-\$).did. or (US-6080182-\$ or US-6056770-\$ or US-6056769-\$ or US-6045570-\$ or US-5951589-\$ or US-5922009-\$ or US-5820631-\$ or US-5782861-\$ or US-5782844-\$ or US-5304184-\$ or US-5156609-\$ or US-6022372-\$ or US-5383896-\$ or US-6814743-\$ or US-6712831-\$ or US-6656207-\$ or US-	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2011/02/15 14:39

6464712-\$ or US-6409739-
\$ or US-6355050-\$ or US-
5928266-\$ or US-5868778-
\$ or US-5853421-\$ or US-
6254550-\$ or US-5419765-
\$ or US-5626601-\$ or US-
5728122-\$).d.id. or (US-
5792154-\$ or US-6280457-
\$ or US-7166122-\$ or US-
6468266-\$ or US-6193728-
\$ or US-6165178-\$ or US-
5941888-\$ or US-5853418-
\$ or US-5833705-\$ or US-
5690666-\$ or US-5582619-
\$ or US-5382259-\$ or US-
5304195-\$ or US-5261916-
\$ or US-5250071-\$ or US-
5234437-\$ or US-6238415-
\$ or US-6743247-\$ or US-
5509893-\$ or US-6599303-
\$ or US-6517569-\$ or US-
6461364-\$ or US-6102271-
\$ or US-7169158-\$ or US-
6780197-\$ or US-6712836-
\$ or US-6699256-\$).d.id. or
(US-6676671-\$ or US-
6537288-\$ or US-6254642-
\$ or US-5833698-\$ or US-
5797933-\$ or US-5720755-
\$ or US-5462561-\$ or US-
4368736-\$ or US-4204541-
\$ or US-7455680-\$ or US-
7449011-\$ or US-7335220-
\$ or US-7335219-\$ or US-
7201725-\$ or US-7048710-
\$ or US-6942674-\$ or US-
5951518-\$ or US-5910155-
\$ or US-5275616-\$ or US-
5192302-\$ or US-5167634-
\$ or US-4772266-\$ or US-
RE31855-\$ or US-6887417-
\$ or US-6824554-\$ or US-
6821287-\$ or US-6758854-
\$).d.id. or (US-6692464-\$
or US-6258058-\$ or US-
5919160-\$ or US-5765682-
\$ or US-5735819-\$ or US-
5250033-\$ or US-5222970-
\$ or US-5158545-\$ or US-
4983168-\$ or US-4166469-
\$ or US-3877429-\$ or US-
6391048-\$ or US-6197042-
\$ or US-6152937-\$ or US-
3586002-\$ or US-6964675-
\$ or US-5674231-\$ or US-
5593412-\$ or US-5868755-
\$ or US-7398781-\$ or US-
6695856-\$ or US-6651670-
\$ or US-6632234-\$ or US-

		6579224-\$ or US-6322580-\$ or US-6312442-\$ or US-5873880-\$).did. or (US-5730756-\$ or US-6237607-\$ or US-6843795-\$ or US-6740101-\$ or US-6715976-\$ or US-6669719-\$ or US-6524283-\$ or US-6254628-\$ or US-6152609-\$).did. or (US-1064307-\$ or US-3382872-\$).did. or (EP-774237-\$).did.				
S704	77	S703 not (S697 S701 S699 S696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
S703	102	(US-20020072768-\$ or US-20030083679-\$ or US-20020042622-\$).did. or (US-6080182-\$ or US-6056770-\$ or US-6056769-\$ or US-6045570-\$ or US-5951589-\$ or US-5922009-\$ or US-5820631-\$ or US-5782861-\$ or US-5782844-\$ or US-5304184-\$ or US-5156609-\$ or US-6022372-\$ or US-5383896-\$ or US-6814743-\$ or US-6712831-\$ or US-6656207-\$ or US-6464712-\$ or US-6409739-\$ or US-6355050-\$ or US-5928266-\$ or US-5868778-\$ or US-5853421-\$ or US-6254550-\$ or US-5419765-\$ or US-5626601-\$ or US-5728122-\$).did. or (US-5792154-\$ or US-6280457-\$ or US-7166122-\$ or US-6468266-\$ or US-6193728-\$ or US-6165178-\$ or US-5941888-\$ or US-5853418-\$ or US-5833705-\$ or US-5690666-\$ or US-5582619-\$ or US-5382259-\$ or US-5304195-\$ or US-5261916-\$ or US-5250071-\$ or US-5234437-\$ or US-6238415-\$ or US-6743247-\$ or US-5509893-\$ or US-6599303-\$ or US-6517569-\$ or US-6461364-\$ or US-6102271-\$ or US-7169158-\$ or US-6780197-\$ or US-6712836-\$ or US-6699256-\$).did. or (US-6676671-\$ or US-6537288-\$ or US-6254642-\$ or US-5833698-\$ or US-5797933-\$ or US-5720755-\$ or US-5462561-\$ or US-	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2011/02/15 14:39

		4368736-\$ or US-4204541-\$ or US-7455680-\$ or US-7449011-\$ or US-7335220-\$ or US-7335219-\$ or US-7201725-\$ or US-7048710-\$ or US-6942674-\$ or US-5951518-\$ or US-5910155-\$ or US-5275616-\$ or US-5192302-\$ or US-5167634-\$ or US-4772266-\$ or US-RE31855-\$ or US-6887417-\$ or US-6824554-\$ or US-6821287-\$ or US-6758854-\$).did. or (US-6692464-\$ or US-6258058-\$ or US-5919160-\$ or US-5765682-\$ or US-5735819-\$ or US-5250033-\$ or US-5222970-\$ or US-5158545-\$ or US-4983168-\$ or US-4166469-\$ or US-3877429-\$ or US-6391048-\$ or US-6197042-\$ or US-6152937-\$ or US-3586002-\$ or US-6964675-\$).did. or (US-1064307-\$ or US-3382872-\$).did. or (EP-774237-\$).did.				
S702	4	S701 not (S697 S699 S696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
S701	24	(US-20020077657-\$ or US-20030023267-\$ or US-20050234508-\$ or US-20050256537-\$ or US-20010047180-\$).did. or (US-5545178-\$ or US-5531757-\$ or US-5441517-\$ or US-RE34866-\$ or US-5192302-\$ or US-5292332-\$ or US-5342393-\$ or US-5391183-\$ or US-5437631-\$ or US-5591204-\$ or US-5649959-\$ or US-5690674-\$ or US-5725498-\$ or US-6197042-\$ or US-6200328-\$ or US-6325789-\$ or US-6334865-\$ or US-5413584-\$ or US-6183465-\$).did. or (US-20050273136-A-\$ or WO-0245593-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/02/15 14:39
S700	20	S699 not (S697 S696)	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39

S699	24	(US-20010003158-\$ or US-20020077657-\$ or US-20030023267-\$).did. or (US-6007563-\$ or US-5935147-\$ or US-5545178-\$ or US-5531757-\$ or US-5441517-\$ or US-RE34866-\$ or US-5192302-\$ or US-5292332-\$ or US-5342393-\$ or US-5391183-\$ or US-5437631-\$ or US-5591204-\$ or US-5649959-\$ or US-5690674-\$ or US-5725498-\$ or US-5893856-\$ or US-6197042-\$ or US-6200328-\$ or US-6325789-\$ or US-6334865-\$ or US-5413584-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39
S698	31	S697 not S696	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
S697	40	(US-20060020270-\$ or US-20050273136-\$ or US-20050119695-\$ or US-20040167570-\$ or US-20040153123-\$ or US-20040153122-\$ or US-20040009289-\$ or US-20030195561-\$ or US-20030158578-\$ or US-20030158577-\$ or US-20030125766-\$ or US-20030004543-\$ or US-20020193808-\$ or US-20020082641-\$ or US-20020072768-\$ or US-20020026215-\$ or US-20020026208-\$ or US-20040073255-\$).did. or (US-6080183-\$ or US-6080182-\$ or US-6007563-\$ or US-5830125-\$ or US-5674231-\$ or US-5304184-\$ or US-5222974-\$ or US-5061274-\$ or US-4852568-\$ or US-4744364-\$ or US-4525157-\$ or US-4318401-\$ or US-6749621-\$ or US-6695867-\$ or US-6645205-\$ or US-6428548-\$ or US-6391048-\$ or US-6110184-\$ or US-6063085-\$ or US-5690674-\$ or US-5547474-\$ or US-6197042-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39

S696	81	(US-20020072768-\$ or US-20030083679-\$ or US-20020151921-\$ or US-20020107542-\$ or US-20020077657-\$ or US-20020026208-\$ or US-20020123786-\$ or US-20020062129-\$ or US-20020035391-\$ or US-20010004699-\$ or US-20020029064-\$ or US-20010039430-\$).did. or (US-5820631-\$ or US-6656207-\$ or US-6599303-\$ or US-6780197-\$ or US-6699256-\$ or US-6676671-\$ or US-6254642-\$ or US-5720755-\$ or US-4204541-\$ or US-4772266-\$ or US-5735819-\$ or US-5250033-\$ or US-5158545-\$ or US-4983168-\$ or US-6391048-\$ or US-6197042-\$ or US-6152937-\$ or US-5674231-\$ or US-5868755-\$ or US-6651670-\$ or US-6322580-\$ or US-5873880-\$ or US-5868707-\$ or US-4921479-\$ or US-4738666-\$ or US-6348064-\$).did. or (US-6645205-\$ or US-5695504-\$ or US-5320639-\$ or US-5318542-\$ or US-6755842-\$ or US-6533762-\$ or US-6506210-\$ or US-6428548-\$ or US-6419669-\$ or US-6149667-\$ or US-6110184-\$ or US-6036720-\$ or US-5830125-\$ or US-5769862-\$ or US-5478354-\$ or US-6471709-\$ or US-6221081-\$ or US-6093194-\$ or US-6036698-\$ or US-6033413-\$ or US-5300106-\$ or US-5190528-\$ or US-6077295-\$ or US-5782838-\$ or US-6517566-\$ or US-5250058-\$ or US-7074232-\$).did. or (US-6080174-\$ or US-5454790-\$ or US-5431676-\$ or US-6325812-\$ or US-6508822-\$ or US-6309416-\$ or US-6979338-\$ or US-6602263-\$ or US-6440163-\$ or US-5397345-\$ or US-5817113-\$ or US-6179848-\$ or US-6187020-\$ or US-6203553-\$ or US-6241743-	US-PGRUB; USPAT; EPO	OR	OFF	2011/02/15 14:39
------	----	--	-------------------------	----	-----	---------------------

		\$.did. or (EP-774237-\$). did.					
S695	32	("5192300" "5324306" "5354271" "5441517" "5522840" "5741223" "5792152" "5868778" "5906631" "5984948" "6017359").PN. OR ("6110184").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39	
S694	1	("6695867").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:39	
S693	22	(US-20040073255-\$ or US- 20050234508-\$ or US- 20010047180-\$).did. or (US-5304184-\$ or US- 5061274-\$ or US-6110184- \$ or US-5690674-\$ or US- 5547474-\$ or US-6080183- \$ or US-RE34866-\$ or US- 5192302-\$ or US-5292332- \$ or US-5342393-\$ or US- 5391183-\$ or US-5437631- \$ or US-5591204-\$ or US- 5725498-\$ or US-6197042- \$ or US-6200328-\$ or US- 6325789-\$ or US-6334865- \$ or US-5413584-\$).did. or (US-20050273136-A-\$ or WO-0245593-A-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2011/02/15 14:39	
S692	48	((ANTHONY) near2 (PANTAGES)).INV.	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39	
S691	167	((RICHARD) near2 (GINN)). INV.	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39	
S690	263	("0268632" "0536321" "0589584" "0733723" "1142510" "1801850" "2058020" "2345053" "2384477" "2910067" "2919621" "3068869" "3385299" "3757629" "4170990" "4407286" "4485816" "4523591" "4592346" "4610251" "4708558" "4730971" "4744365" "4793335" "4887601" "5026390" "5089009" "5222508" "5246443" "5250058" "5366462").PN. OR ("5478354").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39	

S689	115	("20010031972" "20030009180" "20030093096" "3586002" "3604425" "3677243" "3757629" "3805337" "4192315" "4217902" "4345606" "4396139" "4411654" "4412832" "4485816" "4505274" "4586503" "4687469" "4772266" "4777950" "4860746" "4865026" "4917087" "4950258" "5007921" "5026390" "5053008" "5108420" "5156609" "5167634" "5176648" "5192302" "5222974" "5275616" "5304184" "5318542" "5334217" "5366458" "5478354" "5527322" "5674231" "5683405" "5695505" "5782844" "5782860" "5782861" "5810846" "5810851" "5817113" "5820631" "5830125" "5879366" "5910155" "5922009" "5951518" "5951589" "5964782" "5984934" "5993468" "6007563" "6036720" "6045570" "6056769" "6056770" "6063085" "6077281" "6077291" "6080182" "6080183" "6113612" "6120524" "6152937" "6197042" "6348064" "6391048" "6461364" "RE31855"). PN. OR ("6695867").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S688	116	("3604425" "3757629" "3805337" "4192315" "4217902" "4396139" "4485816" "4586503" "4777950" "4860746" "4917087" "5007921" "5026390" "5053008" "5061274" "5156609" "5176648" "5192302" "5222974" "5304184" "5366458" "5478354" "5527322" "5674231" "5683405" "5695505" "5782844" "5782861" "5810846" "5810851" "5830125" "5910155"). PN. OR ("6197042").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39

S687	118	"2513771" "4532134" "4744364" "4852568" "4854320" "4929240" "5021059" "5030226" "5053046" "5061274" "5100420" "5108421" "5129882" "5156608" "5156613" "5192300" "5192301" "5192302" "5207670" "5217473" "5221259" "5222974" "5226908" "5254105" "5275616" "5282827" "5290310" "5292332" "5310407" "5342393" "5370660" "5383896" "5383897" "5383899" "5391183" "5411520" "5413571" "5415657" "5417699" "5437631" "5441517" "5443477" "5443481" "5447502" "Re34866").PN. OR ("5674231").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S686	137	("4838280" "5290310"). PN. OR ("5437631").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S685	137	("4838280" "5290310"). PN. OR ("5437631").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S684	72	("3868956" "4166469" "4503569" "4596559" "4738666" "4830003" "4921479" "4994066" "5026377" "5044369" "5192297" "5201901" "5224953" "5344425" "5395349" "5433723" "5562641" "5571172" "5591172" "5591226" "5601591" "5607466" "5643278" "5667514" "5667522" "5690644" "5766203" "5766237" "5782838" "5782847" "5868707" "6077295" "6447540").PN. OR ("6517569").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S683	2	((("5192302") or ("5593412")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:39
S682	1	("6517569").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:39
S681	1	("5437631").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:39

S680	116	("3604425" "3757629" "3805337" "4192315" "4217902" "4396139" "4485816" "4586503" "4777950" "4860746" "4917087" "5007921" "5026390" "5053008" "5061274" "5156609" "5176648" "5192302" "5222974" "5304184" "5366458" "5478354" "5527322" "5674231" "5683405" "5695505" "5782844" "5782861" "5810846" "5810851" "5830125" "5910155").PN. OR ("6197042").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S679	1	("6197042").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:39
S678	3	((("5674231" "6447540") or ("5688755")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:39
S677	118	("2513771" "4532134" "4744364" "4852568" "4854320" "4929240" "5021059" "5030226" "5053046" "5061274" "5100420" "5108421" "5129882" "5156608" "5156613" "5192300" "5192301" "5192302" "5207670" "5217473" "5221259" "5222974" "5226908" "5254105" "5275616" "5282827" "5290310" "5292332" "5310407" "5342393" "5370660" "5383896" "5383897" "5383899" "5391183" "5411520" "5413571" "5415657" "5417699" "5437631" "5441517" "5443477" "5443481" "5447502" "Re34866").PN. OR ("5674231").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S676	7	((("5674231" "6197042") or ("6626918") or ("6391048") or ("5935147") or ("20050090859") or ("20020072768")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39

S675	108	("1064307" "3518993" "3653388" "3774438" "3888117" "4064881" "4166466" "4263899" "4317455" "4325376" "4351466" "4440170" "4487204" "4492232" "4523592" "4530698" "4534351" "4539990" "4593693" "4610671" "4611595" "4616650" "4622970" "4651733" "4668221" "4693249" "4738658" "4772266" "4865593" "4889112" "4917087" "4921479" "4930674" "4931058" "4934364" "4961729" "4984564" "5015239" "5015249" "5057083" "5066285" "5104394" "5139486" "5147381" "5176128" "5176129" "5205830" "5207229" "5257979" "5275611" "5282827" "5292311" "5297714" "5300065" "5306254" "5306259" "5318542" "5320611" "5342373" "5360397" "5383881" "5383896" "5411520" "5417699" "5441504" "5509893" "5531759" "5536251" "5545178" "5573517" "5577993" "5580344" "5596990" "5613948" "5645566" "5649911" "5649959" "5662681" "5674231" "5676689" "5725551" "5810810" "5910155").PN. OR ("6287322").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S674	109	S673 and S668	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39
S673	1047	S671 and S672	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39
S672	58442	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39
S671	18235	S669 with S670	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39
S670	588417	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39
S669	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:39

S668	1647	(606/213).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:39
S667	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:35
S666	1	2005-810509.NRAN.	DERWENT	OR	OFF	2011/02/15 14:35
S665	1	("6782503").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:35
S664	1	("6391048").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:35
S663	1	("6197042").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:35
S662	150	(guide adj wire) same (closure with device)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S661	37	("20020058962" "20030130689" "3174851" "3351463" "3753700" "4994069" "5122136" "5226911" "5234437" "5250017" "5250071" "5261916" "5304194" "5304195" "5312415" "5350397" "5354295" "5382259" "5549624" "5582619" "5690666" "5833705" "5853418" "5881732" "5941888" "5984947" "6165178" "6193728" "6270524" "6280457" "6361558" "6468266"). PN. OR ("7166122").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S660	109	("3174851" "3351463" "3753700" "4739768" "4820298" "4994069" "5122136" "5226911" "5234437" "5250071" "5261916" "5304194" "5304195" "5312415" "5350397" "5354295" "5382259" "5382260" "5417708" "5423829" "5423849" "5522822" "5527338" "5536274" "5549624" "5582619" "5624461" "5639277" "5645082" "5645558" "5649949" "5669931" "5690666" "5700258" "5718711" "5749894" "5792154" "5797953" "5830230" "5843118" "5853418" "5863366"). PN. OR ("6280457").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35

S659	24	("3687129" "4994069" "5095917" "5192301" "5226911" "5304194" "5382259" "5443478" "5573547" "5582619").PN. OR ("5792154").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S658	1647	(606/213).CQLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S657	34	("5370660" "5383896" "5391183" "5411520" "5419765" "5486195" "5649959").PN. OR ("5853421").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S656	58	("4744364" "4852568" "4890612" "5108421" "5171259" "5383896" "5419765" "5454833").PN. OR ("5922009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S655	199	("2862497" "4555242" "4701163" "4738658" "4852568" "4890612" "5021059" "5042985" "5053046" "5061274" "5108421" "5129882" "5159937" "5176692" "5222974" "5250025").PN. OR ("5383896").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S654	121	("20030009180" "20030093096" "3586002" "3604425" "3677243" "3757629" "3805337" "4192315" "4217902" "4345606" "4396139" "4411654" "4412832" "4485816" "4505274" "4586503" "4687469" "4772266" "4777950" "4860746" "4865026" "4917087" "4950258" "5007921" "5026390" "5053008" "5108420" "5156609" "5167634" "5176648" "5192302" "5222974" "5275616" "5304184" "5318542" "5334217" "5366458" "5478354" "5527322" "5674231" "5683405" "5695505" "5728114" "5782844" "5782860" "5782861" "5810846" "5810851" "5817113" "5820631" "5830125" "5879366" "5910155" "5922009" "5951518" "5951589"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35

		"5964782" "5984934" "6007563" "6036720" "6045570" "6056769" "6056770" "6063085" "6077281" "6077291" "6080182" "6080183" "6120524" "6197042" "6348064" "6695867" ("RE31855").PN. OR ("6942674").URPN.				
S653	58442	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:35
S652	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:35
S651	1647	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S650	18235	S648 with S649	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:35
S649	588417	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:35
S648	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:35
S647	3	((("5782861") or ("6569173") or ("6613059")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:35
S646	2	((("6569173") or ("5695504")).PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:35
S645	4	US-1323335-\$.D.ID. OR US- 7396359-\$.D.ID. OR US- 5250058-\$.D.ID.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35
S644	95	US-1649731-\$.D.ID. OR US- 4961729-\$.D.ID. OR US- 5059201-\$.D.ID. OR US- 5122122-\$.D.ID. OR US- 5192602-\$.D.ID. OR US- 5217024-\$.D.ID. OR US- 5226908-\$.D.ID. OR US- 5236435-\$.D.ID. OR US- 5242459-\$.D.ID. OR US- 5364408-\$.D.ID. OR US- 5383896-\$.D.ID. OR US- 5419777-\$.D.ID. OR US- 5425489-\$.D.ID. OR US- 5507744-\$.D.ID. OR US- 5540716-\$.D.ID. OR US- 5700273-\$.D.ID. OR US- 5782860-\$.D.ID. OR US- 5782861-\$.D.ID. OR US- 5735873-\$.D.ID. OR US- 5860991-\$.D.ID. OR US- 5907893-\$.D.ID. OR US- 5993476-\$.D.ID. OR US- 6033427-\$.D.ID. OR US- 6063114-\$.D.ID. OR US- 6117125-\$.D.ID. OR US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35

6197042-\$.DID. OR US-
6220248-\$.DID. OR US-
6277140-\$.DID. OR US-
6383208-\$.DID. OR US-
6391048-\$.DID. OR US-
6423054-\$.DID. OR US-
6447540-\$.DID. OR US-
6569173-\$.DID. OR US-
6582452-\$.DID. OR US-
6613059-\$.DID. OR US-
6616686-\$.DID. OR US-
6623510-\$.DID. OR US-
6632238-\$.DID. OR US-
6652556-\$.DID. OR US-
6689147-\$.DID. OR US-
6695867-\$.DID. OR US-
6702826-\$.DID. OR US-
6719777-\$.DID. OR US-
6749621-\$.DID. OR US-
6926731-\$.DID. OR US-
6942674-\$.DID. OR US-
6989003-\$.DID. OR US-
6989016-\$.DID. OR US-
7001398-\$.DID. OR US-
7008435-\$.DID. OR US-
7063711-\$.DID. OR US-
7108709-\$.DID. OR US-
7111768-\$.DID. OR US-
7144411-\$.DID. OR US-
7163551-\$.DID. OR US-
7169164-\$.DID. OR US-
7211101-\$.DID. OR US-
20020072768-\$.DID. OR
US-20020133193-\$.DID.
OR US-20030032981-\$.
DID. OR US-20030078598-
\$.DID. OR US-
20030195504-\$.DID. OR
US-20030195561-\$.DID.
OR US-20040009289-\$.
DID. OR US-20040073236-
\$.DID. OR US-
20040082906-\$.DID. OR
US-20040153122-\$.DID.
OR US-20040153123-\$.
DID. OR US-20040167570-
\$.DID. OR US-
20050119695-\$.DID. OR
US-20050165357-\$.DID.
OR US-20050216057-\$.
DID. OR US-20050267530-
\$.DID. OR US-
20050273136-\$.DID. OR
US-20050274768-\$.DID.
OR US-20060020270-\$.
DID. OR US-20060135989-
\$.DID. OR US-
20060144479-\$.DID. OR
US-20060167484-\$.DID.

		OR US-20060190014-\$. D.ID. OR US-20060190037- \$.D.ID. OR US- 20060190038-\$.D.ID. OR US-20060195123-\$.D.ID. OR US-20060195124-\$. D.ID. OR US-20060287674- \$.D.ID. OR US- 20070010853-\$.D.ID. OR US-20070010854-\$.D.ID. OR US-20070270904-\$. D.ID. OR US-20070276416- \$.D.ID. OR US- 20070282352-\$.D.ID. OR US-20090157102-\$.D.ID. OR US-20090157103-\$. D.ID. OR US-20090177212- \$.D.ID. OR US- 20090177213-\$.D.ID. OR DE-19859952-\$.D.ID. OR DE-19859952D-\$.D.ID. OR JP-58181006-\$.D.ID. OR WO-0149186-\$.D.ID. OR WO-0228286-\$.D.ID. OR WO-0238055-\$.D.ID. OR WO-0245593-\$.D.ID. OR WO-0245594-\$.D.ID. OR WO-0347434-\$.D.ID. OR WO-0371955-\$.D.ID. OR WO-0371956-\$.D.ID. OR WO-0371957-\$.D.ID. OR WO-0460169-\$.D.ID. OR WO-0469054-\$.D.ID. OR WO-0582256-\$.D.ID. OR WO-0683889-\$.D.ID. OR WO-9727897-\$.D.ID. OR WO-9806346-\$.D.ID. OR WO-9960941-\$.D.ID.				
S643	95	US-1649731-\$.D.ID. OR US- 4961729-\$.D.ID. OR US- 5059201-\$.D.ID. OR US- 5122122-\$.D.ID. OR US- 5192602-\$.D.ID. OR US- 5217024-\$.D.ID. OR US- 5226908-\$.D.ID. OR US- 5236435-\$.D.ID. OR US- 5242459-\$.D.ID. OR US- 5364408-\$.D.ID. OR US- 5383896-\$.D.ID. OR US- 5419777-\$.D.ID. OR US- 5425489-\$.D.ID. OR US- 5507744-\$.D.ID. OR US- 5540716-\$.D.ID. OR US- 5700273-\$.D.ID. OR US- 5782860-\$.D.ID. OR US- 5782861-\$.D.ID. OR US- 5735873-\$.D.ID. OR US- 5860991-\$.D.ID. OR US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35

5907893-\$.DID. OR US-
5993476-\$.DID. OR US-
6033427-\$.DID. OR US-
6063114-\$.DID. OR US-
6117125-\$.DID. OR US-
6197042-\$.DID. OR US-
6220248-\$.DID. OR US-
6277140-\$.DID. OR US-
6383208-\$.DID. OR US-
6391048-\$.DID. OR US-
6423054-\$.DID. OR US-
6447540-\$.DID. OR US-
6569173-\$.DID. OR US-
6582452-\$.DID. OR US-
6613059-\$.DID. OR US-
6616686-\$.DID. OR US-
6623510-\$.DID. OR US-
6632238-\$.DID. OR US-
6652556-\$.DID. OR US-
6689147-\$.DID. OR US-
6695867-\$.DID. OR US-
6702826-\$.DID. OR US-
6719777-\$.DID. OR US-
6749621-\$.DID. OR US-
6926731-\$.DID. OR US-
6942674-\$.DID. OR US-
6989003-\$.DID. OR US-
6989016-\$.DID. OR US-
7001398-\$.DID. OR US-
7008435-\$.DID. OR US-
7063711-\$.DID. OR US-
7108709-\$.DID. OR US-
7111768-\$.DID. OR US-
7144411-\$.DID. OR US-
7163551-\$.DID. OR US-
7169164-\$.DID. OR US-
7211101-\$.DID. OR US-
20020072768-\$.DID. OR
US-20020133193-\$.DID.
OR US-20030032981-\$.
DID. OR US-20030078598-
\$.DID. OR US-
20030195504-\$.DID. OR
US-20030195561-\$.DID.
OR US-20040009289-\$.
DID. OR US-20040073236-
\$.DID. OR US-
20040082906-\$.DID. OR
US-20040153122-\$.DID.
OR US-20040153123-\$.
DID. OR US-20040167570-
\$.DID. OR US-
20050119695-\$.DID. OR
US-20050165357-\$.DID.
OR US-20050216057-\$.
DID. OR US-20050267530-
\$.DID. OR US-
20050273136-\$.DID. OR
US-20050274768-\$.DID.

		OR US-20060020270-\$. D.ID. OR US-20060135989- \$.D.ID. OR US- 20060144479-\$.D.ID. OR US-20060167484-\$.D.ID. OR US-20060190014-\$. D.ID. OR US-20060190037- \$.D.ID. OR US- 20060190038-\$.D.ID. OR US-20060195123-\$.D.ID. OR US-20060195124-\$. D.ID. OR US-20060287674- \$.D.ID. OR US- 20070010853-\$.D.ID. OR US-20070010854-\$.D.ID. OR US-20070270904-\$. D.ID. OR US-20070276416- \$.D.ID. OR US- 20070282352-\$.D.ID. OR US-20090157102-\$.D.ID. OR US-20090157103-\$. D.ID. OR US-20090177212- \$.D.ID. OR US- 20090177213-\$.D.ID. OR DE-19859952-\$.D.ID. OR DE-19859952D-\$.D.ID. OR JP-58181006-\$.D.ID. OR WO-0149186-\$.D.ID. OR WO-0228286-\$.D.ID. OR WO-0238055-\$.D.ID. OR WO-0245593-\$.D.ID. OR WO-0245594-\$.D.ID. OR WO-0347434-\$.D.ID. OR WO-0371955-\$.D.ID. OR WO-0371956-\$.D.ID. OR WO-0371957-\$.D.ID. OR WO-0460169-\$.D.ID. OR WO-0469054-\$.D.ID. OR WO-0582256-\$.D.ID. OR WO-0683889-\$.D.ID. OR WO-9727897-\$.D.ID. OR WO-9806346-\$.D.ID. OR WO-9960941-\$.D.ID.				
S642	95	US-1649731-\$.D.ID. OR US- 4961729-\$.D.ID. OR US- 5059201-\$.D.ID. OR US- 5122122-\$.D.ID. OR US- 5192602-\$.D.ID. OR US- 5217024-\$.D.ID. OR US- 5226908-\$.D.ID. OR US- 5236435-\$.D.ID. OR US- 5242459-\$.D.ID. OR US- 5364408-\$.D.ID. OR US- 5383896-\$.D.ID. OR US- 5419777-\$.D.ID. OR US- 5425489-\$.D.ID. OR US- 5507744-\$.D.ID. OR US- 5540716-\$.D.ID. OR US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:35

5700273-\$.DID. OR US-
5782860-\$.DID. OR US-
5782861-\$.DID. OR US-
5735873-\$.DID. OR US-
5860991-\$.DID. OR US-
5907893-\$.DID. OR US-
5993476-\$.DID. OR US-
6033427-\$.DID. OR US-
6063114-\$.DID. OR US-
6117125-\$.DID. OR US-
6197042-\$.DID. OR US-
6220248-\$.DID. OR US-
6277140-\$.DID. OR US-
6383208-\$.DID. OR US-
6391048-\$.DID. OR US-
6423054-\$.DID. OR US-
6447540-\$.DID. OR US-
6569173-\$.DID. OR US-
6582452-\$.DID. OR US-
6613059-\$.DID. OR US-
6616686-\$.DID. OR US-
6623510-\$.DID. OR US-
6632238-\$.DID. OR US-
6652556-\$.DID. OR US-
6689147-\$.DID. OR US-
6695867-\$.DID. OR US-
6702826-\$.DID. OR US-
6719777-\$.DID. OR US-
6749621-\$.DID. OR US-
6926731-\$.DID. OR US-
6942674-\$.DID. OR US-
6989003-\$.DID. OR US-
6989016-\$.DID. OR US-
7001398-\$.DID. OR US-
7008435-\$.DID. OR US-
7063711-\$.DID. OR US-
7108709-\$.DID. OR US-
7111768-\$.DID. OR US-
7144411-\$.DID. OR US-
7163551-\$.DID. OR US-
7169164-\$.DID. OR US-
7211101-\$.DID. OR US-
20020072768-\$.DID. OR
US-20020133193-\$.DID.
OR US-20030032981-\$.
DID. OR US-20030078598-
\$.DID. OR US-
20030195504-\$.DID. OR
US-20030195561-\$.DID.
OR US-20040009289-\$.
DID. OR US-20040073236-
\$.DID. OR US-
20040082906-\$.DID. OR
US-20040153122-\$.DID.
OR US-20040153123-\$.
DID. OR US-20040167570-
\$.DID. OR US-
20050119695-\$.DID. OR
US-20050165357-\$.DID.

		OR US-20050216057-\$. D.ID. OR US-20050267530-\$. D.ID. OR US-20050273136-\$. D.ID. OR US-20050274768-\$. D.ID. OR US-20060020270-\$. D.ID. OR US-20060135989-\$. D.ID. OR US-20060144479-\$. D.ID. OR US-20060167484-\$. D.ID. OR US-20060190014-\$. D.ID. OR US-20060190037-\$. D.ID. OR US-20060190038-\$. D.ID. OR US-20060195123-\$. D.ID. OR US-20060195124-\$. D.ID. OR US-20060287674-\$. D.ID. OR US-20070010853-\$. D.ID. OR US-20070010854-\$. D.ID. OR US-20070270904-\$. D.ID. OR US-20070276416-\$. D.ID. OR US-20070282352-\$. D.ID. OR US-20090157102-\$. D.ID. OR US-20090157103-\$. D.ID. OR US-20090177212-\$. D.ID. OR US-20090177213-\$. D.ID. OR DE-19859952-\$. D.ID. OR DE-19859952D-\$. D.ID. OR JP-58181006-\$. D.ID. OR WO-0149186-\$. D.ID. OR WO-0228286-\$. D.ID. OR WO-0238055-\$. D.ID. OR WO-0245593-\$. D.ID. OR WO-0245594-\$. D.ID. OR WO-0347434-\$. D.ID. OR WO-0371955-\$. D.ID. OR WO-0371956-\$. D.ID. OR WO-0371957-\$. D.ID. OR WO-0460169-\$. D.ID. OR WO-0469054-\$. D.ID. OR WO-0582256-\$. D.ID. OR WO-0683889-\$. D.ID. OR WO-9727897-\$. D.ID. OR WO-9806346-\$. D.ID. OR WO-9960941-\$. D.ID.				
S641	318	(anchor fastener staple) same ((peal-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2011/02/15 14:35

S640	131	((fastener staple anchor closure) same slid\$5 same (sheath sleeve skin cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:35
S639	99	((fastener staple anchor) same slid\$5 same (sheath sleeve skin cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:35
S638	4	((fastener staple anchor) same carr\$4 same slid\$5 same (sheath sleeve skin cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:35
S637	4	((fastener staple anchor) same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:35
S636	6	closure same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:35
S635	134	((US-20020072768-\$ or US-20030083679-\$ or US-20020004676-\$ or US-20020151921-\$ or US-20020107542-\$ or US-20020077657-\$ or US-20020026208-\$ or US-20020123786-\$ or US-20020062129-\$ or US-20020035391-\$ or US-20010004699-\$ or US-20020029064-\$ or US-20010039430-\$ or US-20030125619-\$ or US-20020082641-\$ or US-20010007077-\$).did. or (US-5820631-\$ or US-5304184-\$ or US-5383896-\$ or US-6656207-\$ or US-5853421-\$ or US-6254550-\$ or US-6599303-\$ or US-6517569-\$ or US-6780197-	US-PGPUB; USPAT; EPO	OR	OFF	2011/02/15 14:30

\$ or US-6699256-\$ or US-6676671-\$ or US-6254642-\$ or US-5720755-\$ or US-4368736-\$ or US-4204541-\$ or US-5951518-\$ or US-5275616-\$ or US-5167634-\$ or US-4772266-\$ or US-6887417-\$ or US-6758854-\$ or US-5735819-\$ or US-5250033-\$ or US-5222970-\$ or US-5158545-\$ or US-4983168-\$).did. or (US-3877429-\$ or US-6391048-\$ or US-6197042-\$ or US-6152937-\$ or US-5674231-\$ or US-5593412-\$ or US-5868755-\$ or US-6695856-\$ or US-6651670-\$ or US-6632234-\$ or US-6579224-\$ or US-6322580-\$ or US-6312442-\$ or US-5873880-\$ or US-5730756-\$ or US-6669719-\$ or US-6254628-\$ or US-5868707-\$ or US-5766203-\$ or US-4921479-\$ or US-4738666-\$ or US-6348064-\$ or US-6645205-\$ or US-5695504-\$ or US-5320639-\$ or US-5318542-\$ or US-4887601-\$).did. or (US-6755842-\$ or US-6533762-\$ or US-6506210-\$ or US-6428548-\$ or US-6419669-\$ or US-6277140-\$ or US-6149667-\$ or US-6110184-\$ or US-6036720-\$ or US-6030364-\$ or US-5830125-\$ or US-5769862-\$ or US-5478354-\$ or US-3677243-\$ or US-7303552-\$ or US-7204840-\$ or US-6979319-\$ or US-6887251-\$ or US-6623460-\$ or US-6582390-\$ or US-6471709-\$ or US-6428498-\$ or US-6293927-\$ or US-6221081-\$ or US-6093194-\$ or US-6036698-\$ or US-6033413-\$).did. or (US-5992000-\$ or US-5957952-\$ or US-5755775-\$ or US-5743882-\$ or US-5300106-\$ or US-5190528-\$ or US-6077295-\$ or US-5782838-\$ or US-4596559-\$ or US-6517566-\$ or US-5250058-\$ or US-7074232-\$ or US-6080174-\$ or US-5540658-\$ or US-5454790-\$ or US-5431676-

		\$ or US-6494893-\$ or US-6325812-\$ or US-6508822-\$ or US-6309416-\$ or US-6979338-\$ or US-6602263-\$ or US-6440163-\$ or US-5397345-\$ or US-5817113-\$ or US-6179848-\$ or US-6187020-\$).did. or (US-6203553-\$ or US-6241743-\$ or US-6485513-\$ or US-6719777-\$ or US-6632238-\$ or US-7198631-\$ or US-5907893-\$ or US-7396359-\$ or US-6989003-\$ or US-6447540-\$).did. or (EP-774237-\$).did.				
S634	18235	S632 with S633	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S633	588417	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S632	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S631	3	((("5782861") or ("6569173") or ("6613059"))).FN.	USPAT; USOCR	OR	OFF	2011/02/15 14:07
S630	2	((("6569173") or ("5695504"))).FN.	USPAT; USOCR	OR	OFF	2011/02/15 14:07
S629	4	US-1323335-\$.DID. OR US-7396359-\$.DID. OR US-5250058-\$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S628	95	US-1649731-\$.DID. OR US-4961729-\$.DID. OR US-5059201-\$.DID. OR US-5122122-\$.DID. OR US-5192602-\$.DID. OR US-5217024-\$.DID. OR US-5226908-\$.DID. OR US-5236435-\$.DID. OR US-5242459-\$.DID. OR US-5364408-\$.DID. OR US-5383896-\$.DID. OR US-5419777-\$.DID. OR US-5425489-\$.DID. OR US-5507744-\$.DID. OR US-5540716-\$.DID. OR US-5700273-\$.DID. OR US-5782860-\$.DID. OR US-5782861-\$.DID. OR US-5735873-\$.DID. OR US-5860991-\$.DID. OR US-5907893-\$.DID. OR US-5993476-\$.DID. OR US-6033427-\$.DID. OR US-6063114-\$.DID. OR US-6117125-\$.DID. OR US-6197042-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07

6220248-\$.DID. OR US-
6277140-\$.DID. OR US-
6383208-\$.DID. OR US-
6391048-\$.DID. OR US-
6423054-\$.DID. OR US-
6447540-\$.DID. OR US-
6569173-\$.DID. OR US-
6582452-\$.DID. OR US-
6613059-\$.DID. OR US-
6616686-\$.DID. OR US-
6623510-\$.DID. OR US-
6632238-\$.DID. OR US-
6652556-\$.DID. OR US-
6689147-\$.DID. OR US-
6695867-\$.DID. OR US-
6702826-\$.DID. OR US-
6719777-\$.DID. OR US-
6749621-\$.DID. OR US-
6926731-\$.DID. OR US-
6942674-\$.DID. OR US-
6989003-\$.DID. OR US-
6989016-\$.DID. OR US-
7001398-\$.DID. OR US-
7008435-\$.DID. OR US-
7063711-\$.DID. OR US-
7108709-\$.DID. OR US-
7111768-\$.DID. OR US-
7144411-\$.DID. OR US-
7163551-\$.DID. OR US-
7169164-\$.DID. OR US-
7211101-\$.DID. OR US-
20020072768-\$.DID. OR
US-20020133193-\$.DID.
OR US-20030032981-\$.
DID. OR US-20030078598-
\$.DID. OR US-
20030195504-\$.DID. OR
US-20030195561-\$.DID.
OR US-20040009289-\$.
DID. OR US-20040073236-
\$.DID. OR US-
20040082906-\$.DID. OR
US-20040153122-\$.DID.
OR US-20040153123-\$.
DID. OR US-20040167570-
\$.DID. OR US-
20050119695-\$.DID. OR
US-20050165357-\$.DID.
OR US-20050216057-\$.
DID. OR US-20050267530-
\$.DID. OR US-
20050273136-\$.DID. OR
US-20050274768-\$.DID.
OR US-20060020270-\$.
DID. OR US-20060135989-
\$.DID. OR US-
20060144479-\$.DID. OR
US-20060167484-\$.DID.
OR US-20060190014-\$.
DID.

		DID. OR US-20060190037- \$. DID. OR US- 20060190038-\$. DID. OR US-20060195123-\$. DID. OR US-20060195124-\$. DID. OR US-20060287674- \$. DID. OR US- 20070010853-\$. DID. OR US-20070010854-\$. DID. OR US-20070270904-\$. DID. OR US-20070276416- \$. DID. OR US- 20070282352-\$. DID. OR US-20090157102-\$. DID. OR US-20090157103-\$. DID. OR US-20090177212- \$. DID. OR US- 20090177213-\$. DID. OR DE-19859952-\$. DID. OR DE-19859952D-\$. DID. OR JP-58181006-\$. DID. OR WO-0149186-\$. DID. OR WO-0228286-\$. DID. OR WO-0238055-\$. DID. OR WO-0245593-\$. DID. OR WO-0245594-\$. DID. OR WO-0347434-\$. DID. OR WO-0371955-\$. DID. OR WO-0371956-\$. DID. OR WO-0371957-\$. DID. OR WO-0460169-\$. DID. OR WO-0469054-\$. DID. OR WO-0582256-\$. DID. OR WO-0683889-\$. DID. OR WO-9727897-\$. DID. OR WO-9806346-\$. DID. OR WO-9960941-\$. DID.				
S627	95	US-1649731-\$. DID. OR US- 4961729-\$. DID. OR US- 5059201-\$. DID. OR US- 5122122-\$. DID. OR US- 5192602-\$. DID. OR US- 5217024-\$. DID. OR US- 5226908-\$. DID. OR US- 5236435-\$. DID. OR US- 5242459-\$. DID. OR US- 5364408-\$. DID. OR US- 5383896-\$. DID. OR US- 5419777-\$. DID. OR US- 5425489-\$. DID. OR US- 5507744-\$. DID. OR US- 5540716-\$. DID. OR US- 5700273-\$. DID. OR US- 5782860-\$. DID. OR US- 5782861-\$. DID. OR US- 5735873-\$. DID. OR US- 5860991-\$. DID. OR US- 5907893-\$. DID. OR US-	US-PGRUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07

99933476-\$.D.ID. OR US-
 6033427-\$.D.ID. OR US-
 6063114-\$.D.ID. OR US-
 6117125-\$.D.ID. OR US-
 6197042-\$.D.ID. OR US-
 6220248-\$.D.ID. OR US-
 62277140-\$.D.ID. OR US-
 6383208-\$.D.ID. OR US-
 6391048-\$.D.ID. OR US-
 6423054-\$.D.ID. OR US-
 6447540-\$.D.ID. OR US-
 6569173-\$.D.ID. OR US-
 6582452-\$.D.ID. OR US-
 6613059-\$.D.ID. OR US-
 6616686-\$.D.ID. OR US-
 6623510-\$.D.ID. OR US-
 6632238-\$.D.ID. OR US-
 6652556-\$.D.ID. OR US-
 6689147-\$.D.ID. OR US-
 6695867-\$.D.ID. OR US-
 6702826-\$.D.ID. OR US-
 6719777-\$.D.ID. OR US-
 6749621-\$.D.ID. OR US-
 6926731-\$.D.ID. OR US-
 6942674-\$.D.ID. OR US-
 6989003-\$.D.ID. OR US-
 6989016-\$.D.ID. OR US-
 7001398-\$.D.ID. OR US-
 7008435-\$.D.ID. OR US-
 7063711-\$.D.ID. OR US-
 7108709-\$.D.ID. OR US-
 7111768-\$.D.ID. OR US-
 7144411-\$.D.ID. OR US-
 7163551-\$.D.ID. OR US-
 7169164-\$.D.ID. OR US-
 7211101-\$.D.ID. OR US-
 20020072768-\$.D.ID. OR
 US-2002133193-\$.D.ID.
 OR US-20030032981-\$.
 D.ID. OR US-20030078598-
 \$.D.ID. OR US-
 20030195504-\$.D.ID. OR
 US-20030195561-\$.D.ID.
 OR US-20040009289-\$.
 D.ID. OR US-20040073236-
 \$.D.ID. OR US-
 20040082906-\$.D.ID. OR
 US-20040153122-\$.D.ID.
 OR US-20040153123-\$.
 D.ID. OR US-20040167570-
 \$.D.ID. OR US-
 20050119695-\$.D.ID. OR
 US-20050165357-\$.D.ID.
 OR US-20050216057-\$.
 D.ID. OR US-20050267530-
 \$.D.ID. OR US-
 20050273136-\$.D.ID. OR
 US-20050274768-\$.D.ID.
 OR US-20060020270-\$.

		DID. OR US-20060135989- \$.DID. OR US- 20060144479-\$.DID. OR US-20060167484-\$.DID. OR US-20060190014-\$. DID. OR US-20060190037- \$.DID. OR US- 20060190038-\$.DID. OR US-20060195123-\$.DID. OR US-20060195124-\$. DID. OR US-20060287674- \$.DID. OR US- 20070010853-\$.DID. OR US-20070010854-\$.DID. OR US-20070270904-\$. DID. OR US-20070276416- \$.DID. OR US- 20070282352-\$.DID. OR US-20090157102-\$.DID. OR US-20090157103-\$. DID. OR US-20090177212- \$.DID. OR US- 20090177213-\$.DID. OR DE-19859952-\$.DID. OR DE-19859952D-\$.DID. OR JP-58181006-\$.DID. OR WO-0149186-\$.DID. OR WO-0228286-\$.DID. OR WO-0238055-\$.DID. OR WO-0245593-\$.DID. OR WO-0245594-\$.DID. OR WO-0347434-\$.DID. OR WO-0371955-\$.DID. OR WO-0371956-\$.DID. OR WO-0371957-\$.DID. OR WO-0460169-\$.DID. OR WO-0469054-\$.DID. OR WO-0582256-\$.DID. OR WO-0683889-\$.DID. OR WO-9727897-\$.DID. OR WO-9806346-\$.DID. OR WO-9960941-\$.DID.				
S626	95	US-1649731-\$.DID. OR US- 4961729-\$.DID. OR US- 5059201-\$.DID. OR US- 5122122-\$.DID. OR US- 5192602-\$.DID. OR US- 5217024-\$.DID. OR US- 5226908-\$.DID. OR US- 5236435-\$.DID. OR US- 5242459-\$.DID. OR US- 5364408-\$.DID. OR US- 5383896-\$.DID. OR US- 5419777-\$.DID. OR US- 5425489-\$.DID. OR US- 5507744-\$.DID. OR US- 5540716-\$.DID. OR US- 5700273-\$.DID. OR US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07

5782860-\$.D.ID. OR US-
 5782861-\$.D.ID. OR US-
 5735873-\$.D.ID. OR US-
 5860891-\$.D.ID. OR US-
 5907893-\$.D.ID. OR US-
 5993476-\$.D.ID. OR US-
 6033427-\$.D.ID. OR US-
 6063114-\$.D.ID. OR US-
 6117125-\$.D.ID. OR US-
 6197042-\$.D.ID. OR US-
 6220248-\$.D.ID. OR US-
 6277140-\$.D.ID. OR US-
 6383208-\$.D.ID. OR US-
 6391048-\$.D.ID. OR US-
 6423054-\$.D.ID. OR US-
 6447540-\$.D.ID. OR US-
 6589173-\$.D.ID. OR US-
 6582452-\$.D.ID. OR US-
 6613059-\$.D.ID. OR US-
 6616686-\$.D.ID. OR US-
 6623510-\$.D.ID. OR US-
 6632238-\$.D.ID. OR US-
 6652556-\$.D.ID. OR US-
 6689147-\$.D.ID. OR US-
 6695867-\$.D.ID. OR US-
 6702826-\$.D.ID. OR US-
 6719777-\$.D.ID. OR US-
 6749621-\$.D.ID. OR US-
 6926731-\$.D.ID. OR US-
 6942674-\$.D.ID. OR US-
 6989003-\$.D.ID. OR US-
 6989016-\$.D.ID. OR US-
 7001398-\$.D.ID. OR US-
 7008435-\$.D.ID. OR US-
 7063711-\$.D.ID. OR US-
 7108709-\$.D.ID. OR US-
 7111768-\$.D.ID. OR US-
 7144511-\$.D.ID. OR US-
 7163551-\$.D.ID. OR US-
 7169164-\$.D.ID. OR US-
 7211101-\$.D.ID. OR US-
 20020072768-\$.D.ID. OR
 US-20020133193-\$.D.ID.
 OR US-20030032981-\$.
 D.ID. OR US-20030078598-
 \$.D.ID. OR US-
 20030195504-\$.D.ID. OR
 US-20030195561-\$.D.ID.
 OR US-20040009289-\$.
 D.ID. OR US-20040073236-
 \$.D.ID. OR US-
 20040082906-\$.D.ID. OR
 US-20040153122-\$.D.ID.
 OR US-20040153123-\$.
 D.ID. OR US-20040167570-
 \$.D.ID. OR US-
 20050119695-\$.D.ID. OR
 US-20050165357-\$.D.ID.
 OR US-20050216057-\$.

		DID. OR US-20050267530- \$.DID. OR US- 20050273136-\$.DID. OR US-20050274768-\$.DID. OR US-20060020270-\$. DID. OR US-20060135989- \$.DID. OR US- 20060144479-\$.DID. OR US-20060167484-\$.DID. OR US-20060190014-\$. DID. OR US-20060190037- \$.DID. OR US- 20060190038-\$.DID. OR US-20060195123-\$.DID. OR US-20060195124-\$. DID. OR US-20060287674- \$.DID. OR US- 20070010853-\$.DID. OR US-20070010854-\$.DID. OR US-20070270904-\$. DID. OR US-20070276416- \$.DID. OR US- 20070282352-\$.DID. OR US-20090157102-\$.DID. OR US-20090157103-\$. DID. OR US-20090177212- \$.DID. OR US- 20090177213-\$.DID. OR DE-19859952-\$.DID. OR DE-19859952D-\$.DID. OR JP-58181006-\$.DID. OR WO-0149186-\$.DID. OR WO-0228286-\$.DID. OR WO-0238055-\$.DID. OR WO-0245593-\$.DID. OR WO-0245594-\$.DID. OR WO-0347434-\$.DID. OR WO-0371955-\$.DID. OR WO-0371956-\$.DID. OR WO-0371957-\$.DID. OR WO-0460169-\$.DID. OR WO-0469054-\$.DID. OR WO-0582256-\$.DID. OR WO-0683889-\$.DID. OR WO-9727897-\$.DID. OR WO-9806346-\$.DID. OR WO-9960941-\$.DID.				
S625	318	(anchor fastener staple) same ((peel-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07

S624	131	((fastener staple anchor closure) same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peal-away ((peel peel) adj away) pealaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S623	99	((fastener staple anchor) same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peal-away ((peel peel) adj away) pealaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S622	4	((fastener staple anchor) same carr\$4 same slid\$5 same (sheath sleeve skin canula cannula) same (peel-away peal-away ((peel peel) adj away) pealaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S621	4	((fastener staple anchor) same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peal-away ((peel peel) adj away) pealaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S620	6	closure same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peal-away ((peel peel) adj away) pealaway peelaway tear\$5)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S619	46	("20010047180").PN. OR ("6623510").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S618	46	("20010037808" "20010052344" "20020112729" "3683655" "3757783" "5306234" "5588424" "5588992" "5707352" "5855601" "5904648" "5954636" "5954766" "6003517" "6020380" "6027525" "6174323" "6258100" "6287290" "6293951" "6327505" "6348064").PN. OR ("6645205").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07

S617	112	("3586002" "3604425" "3757629" "3805337" "4192315" "4217902" "4396139" "4485816" "4505274" "4586503" "4777950" "4860746" "4865026" "4917087" "4950258" "5007921" "5026390" "5053008" "5061274" "5108420" "5156609" "5176648" "5192302" "5222974" "5304184" "5334217" "5366458" "5478354" "5527322" "5674231" "5683405" "5695505" "5782844" "5782861" "5810846" "5810851" "5817113" "5820631" "5830125" "5879366" "5910155" "5964782" "5984934" "6007563" "6036720" "6063085" "6077281" "6077291" "6080182" "6080183" "6120524").PN. OR ("6391048").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S616	36	("2002/0026208").URPN.	USPAT	OR	OFF	2011/02/15 14:07
S615	32	("5192300" "5324306" "5354271" "5441517" "5522840" "5741223" "5792152" "5868778" "5906631" "5984948" "6017359").PN. OR ("6110184").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S614	32	("5192300" "5324306" "5354271" "5441517" "5522840" "5741223" "5792152" "5868778" "5906631" "5984948" "6017359").PN. OR ("6110184").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S613	32	("3868956" "4503569" "4830003" "4994066" "5044369" "5192297" "5201901" "5224953" "5344425" "5562641" "5601591" "5607466" "5667522" "5766237"). PN. OR ("6093194").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S612	24	("5674231" "6113612" "6152937" "6582452" "6602263" "6623510" "6726704" "6926731"). PN. OR ("7001398").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07

S611	118	("2513771" "4532134" "4744364" "4852568" "4854320" "4929240" "5021059" "5030226" "5053046" "5061274" "5100420" "5108421" "5129882" "5156608" "5156613" "5192300" "5192301" "5192302" "5207670" "5217473" "5221259" "5222974" "5226908" "5254105" "5275616" "5282827" "5290310" "5292332" "5310407" "5342393" "5370660" "5383896" "5383897" "5383899" "5391183" "5411520" "5413571" "5415657" "5417699" "5437631" "5441517" "5443477" "5443481" "5447502" "Re34866").PN. OR ("5674231").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S610	166	("20010007077" "20010021855" "20010021856" "20010023352" "20020072768" "20020082641" "20020133193" "20020151921" "20020156495" "20020193808" "20030078598" "20030097140" "20030100920" "20030109890" "20030158577" "20030158578" "20030229367" "20030229368" "20040002681" "20040010285" "20040059375" "20040073236" "20040073255" "20040092965" "20040153122" "20040153123" "20040176798" "20040193189" "20040225301" "20050021054" "20050021062" "20050080435" "20050090834" "20050090843"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07

"20050131460"	
"20050171561"	
"20050187613"	
"20060200197"	
"20070010854"	
"3526228"	"3958576"
"4317451"	"4493322"
"4509518"	"4664305"
"4667674"	"4791707"
"4796627"	"4836204"
"4874122"	"4899745"
"4983176"	"5007921"
"5026390"	"5042707"
"5047047"	"5049152"
"5089009"	"5100041"
"5156609"	"5170926"
"5201745"	"5207692"
"5236440"	"5356064"
"5395381"	"5413584"
"5425489"	"5431669"
"5439468"	"5464416"
"5531760"	"5544802"
"5591177"	"5601574"
"5607436"	"5662681"
"5674231"	"5695504"
"5715987"	"5725554"
"5728109"	"5782397"
"5792094"	"5810846"
"5829662"	"5843124"
"5861005"	"5910155"
"5921997"	"6022372"
"6149660"	"6197042"
"6269819"	"6277131"
"6277140"	"6302898"
"6322580"	"6348064"
"6352541"	"6355050"
"6368341"	"6371974"
"6391048"	"6450390"
"6451031"	"6461364"
"6482224"	"6494896"
"6506210"	"6508828"
"6524321")	.PN. OR
("6524326"	"6533762"
"6540735"	"6623510"
"6626918"	"6632238"
"6652539"	"6676685"
"6695867"	"6712828"
"6719777"	"6726704"
"6743239"	"6743248"
"6749621"	"6755842"
"6767356"	"6773438"
"6780197"	"6942674"
"6986775"	"7056330"
"7108709")	.PN. OR
("7320692"	"7344544"
"7458978"	"7473258"
"7533790")	.URPN.

S609	25	("2004/0073255") URPN.	USPAT	OR	OFF	2011/02/15 14:07
S608	203	S607 not (S605 S604)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S607	241	(stent) same ((peal-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S606	295	S605 not S604	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S605	318	(anchor fastener staple) same ((peal-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S604	215	(closure) same ((peal-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S603	249	S602 same (anchor plug)	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S602	5535	(sleeve sheath) with tear\$4	US-PGPUB; USPAT	OR	ON	2011/02/15 14:07
S601	109	S600 and S584	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S600	1047	S598 and S599	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S599	58442	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S598	18235	S596 with S597	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S597	588417	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S596	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S595	597152	S593 same S594	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S594	2807475	plug seal\$3 clip clamp	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S593	2605458	helical spring coil (guide adj wire)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07

S592	108	("1064307" "3518993" "3653388" "3774438" "3888117" "4064881" "4166466" "4263899" "4317455" "4325376" "4351466" "4440170" "4487204" "4492232" "4523592" "4530698" "4534351" "4539990" "4593693" "4610671" "4611595" "4616650" "4622970" "4651733" "4668221" "4693249" "4738658" "4772266" "4865593" "4889112" "4917087" "4921479" "4930674" "4931058" "4934364" "4961729" "4984564" "5015239" "5015249" "5057083" "5066285" "5104394" "5139486" "5147381" "5176128" "5176129" "5205830" "5207229" "5257979" "5275611" "5282827" "5292311" "5297714" "5300065" "5306254" "5306259" "5318542" "5320611" "5342373" "5360397" "5383881" "5383896" "5411520" "5417699" "5441504" "5509893" "5531759" "5536251" "5545178" "5573517" "5577993" "5580344" "5596990" "5613948" "5645566" "5649911" "5649959" "5662681" "5674231" "5676689" "5725551" "5810810" "5910155").PN. OR ("6287322").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S591	109	S590 and S585	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S590	1047	S588 and S589	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S589	58442	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S588	18235	S586 with S587	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S587	588417	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S586	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07

S585	1647	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S584	1647	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S583	109	S582 and S575	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S582	1047	S580 and S581	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S581	58442	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S580	18235	S578 with S579	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S579	588417	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S578	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:07
S577	597152	S574 same S576	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S576	2807475	plug seal\$3 clip clamp	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S575	1647	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S574	2605458	helical spring coil (guide adj wire)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:07
S573	118	("2513771" "4532134" "4744364" "4852568" "4854320" "4929240" "5021059" "5030226" "5053046" "5061274" "5100420" "5108421" "5129882" "5156608" "5156613" "5192300" "5192301" "5192302" "5207670" "5217473" "5221259" "5222974" "5226908" "5254105" "5275616" "5282827" "5290310" "5292332" "5310407" "5342393" "5370660" "5383896" "5383897" "5383899" "5391183" "5411520" "5413571" "5415657" "5417699" "5437631" "5441517" "5443477" "5443481" "5447502" "Re34866").PN. OR ("5674231").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06

S572	7	((("5674231") or ("6197042") or ("6626918") or ("6391048") or ("5935147") or ("20050090859") or ("20020072768")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S571	108	("1064307" "3518993" "3653388" "3774438" "3888117" "4064881" "4166466" "4263899" "4317455" "4325376" "4351466" "4440170" "4487204" "4492232" "4523592" "4530698" "4534351" "4539990" "4593693" "4610671" "4611595" "4616650" "4622970" "4651733" "4668221" "4693249" "4738658" "4772266" "4865593" "4889112" "4917087" "4921479" "4930674" "4931058" "4934364" "4961729" "4984564" "5015239" "5015249" "5057083" "5066285" "5104394" "5139486" "5147381" "5176128" "5176129" "5205830" "5207229" "5257979" "5275611" "5282827" "5292311" "5297714" "5300065" "5306254" "5306259" "5318542" "5320611" "5342373" "5360397" "5383881" "5383896" "5411520" "5417699" "5441504" "5509893" "5531759" "5536251" "5545178" "5573517" "5577993" "5580344" "5596990" "5613948" "5645566" "5649911" "5649959" "5662681" "5674231" "5676689" "5725551" "5810810" "5910155").PN. OR ("6287322").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S570	109	S569 and S551	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:06
S569	1047	S567 and S568	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:06
S568	58442	closure with (element device instrument)	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:06

S567	18235	S565 with S566	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:06
S566	588417	sheath sleeve cannula	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:06
S565	468721	staple fastener clip	US-PGPUB; USPAT	OR	OFF	2011/02/15 14:06
S564	1	2005-810509.NRAN.	DERWENT	OR	OFF	2011/02/15 14:06
S563	1	("6782503").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:06
S562	1	("6391048").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:06
S561	1	("6197042").PN.	USPAT; USOCR	OR	OFF	2011/02/15 14:06
S560	150	(guide adj wire) same (closure with device)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S559	37	("20020058962" "20030130689" "3174851" "3351463" "3753700" "4994069" "5122136" "5226911" "5234437" "5250017" "5250071" "5261916" "5304194" "5304195" "5312415" "5350397" "5354295" "5382259" "5549624" "5582619" "5690666" "5833705" "5853418" "5881732" "5941888" "5984947" "6165178" "6193728" "6270524" "6280457" "6361558" "6468266"). PN. OR ("7166122").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S558	109	("3174851" "3351463" "3753700" "4739768" "4820298" "4994069" "5122136" "5226911" "5234437" "5250071" "5261916" "5304194" "5304195" "5312415" "5350397" "5354295" "5382259" "5382260" "5417708" "5423829" "5423849" "5522822" "5527338" "5536274" "5549624" "5582619" "5624461" "5639277" "5645082" "5645558" "5649949" "5669931" "5690666" "5700258" "5718711" "5749894" "5792154" "5797953" "5830230" "5843118" "5853418" "5863366").	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06

		PN. OR ("6280457").URPN.				
S557	24	("3687129" "4994069" "5095917" "5192301" "5226911" "5304194" "5382259" "5443478" "5573547" "5582619"). PN. OR ("5792154").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S556	472	S551 and S554	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S555	597152	S550 and S554	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S554	597152	S550 same S553	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S553	2807475	plug seal\$3 clip clamp	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S552	1062	S550 and S551	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S551	1647	(606/213).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S550	2605458	helical spring coil (guide adj wire)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S549	34	("5370660" "5383896" "5391183" "5411520" "5419765" "5486195" "5649959").PN. OR ("5853421").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S548	58	("4744364" "4852568" "4890612" "5108421" "5171259" "5383896" "5419765" "5454833"). PN. OR ("5922009").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S547	199	("2862497" "4555242" "4701163" "4738658" "4852568" "4890612" "5021059" "5042985" "5053046" "5061274" "5108421" "5129882" "5159937" "5176692" "5222974" "5250025"). PN. OR ("5383896").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06
S546	121	("20030009180" "20030093096" "3586002" "3604425" "3677243" "3757629" "3805337" "4192315" "4217902" "4345606" "4396139" "4411654" "4412832" "4485816" "4505274" "4586503" "4687469" "4772266" "4777950" "4860746" "4865026" "4917087" "4950258" "5007921" "5026390" "5053008"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/02/15 14:06

"5108420"	"5156609"
"5167634"	"5176648"
"5192302"	"5222974"
"5275616"	"5304184"
"5318542"	"5334217"
"5366458"	"5478354"
"5527322"	"5674231"
"5683405"	"5695505"
"5728114"	"5782844"
"5782860"	"5782861"
"5810846"	"5810851"
"5817113"	"5820631"
"5830125"	"5879366"
"5910155"	"5922009"
"5951518"	"5951589"
"5964782"	"5984934"
"6007563"	"6036720"
"6045570"	"6056769"
"6056770"	"6063085"
"6077281"	"6077291"
"6080182"	"6080183"
"6120524"	"6197042"
"6348064"	"6695867"
"RE31855").PN. OR	
("6942674").URPN.	

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S748	25	S742 and "600".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:02
S747	19	S742 and "128".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:02
S746	50	S742 and "604".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:01
S745	8	S742 and "623".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:01
S744	143	S742 and "606".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:01
S743	143	S742 and "606".clas.	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:01
S742	1133	(fastener staple anchor closure) same slid\$5 same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:01
S741	434	(606/215).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/02/15 16:01
S740	614	(606/219).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/02/15 16:01
S739	1645	(606/213).CCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/02/15 16:00

S738	216	(closure) same ((peal-away (peel adj away) peelaway tear\$4) with (sheath cannula sleeve))	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:00
S737	6	closure same carr\$4 same slid\$5 same (sheath sleeve skin) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:00
S736	4	((fastener staple anchor) same carr\$4 same slid\$5 same (sheath sleeve skin cannula cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:00
S735	321	((anchor fastener staple) same ((peal-away (peel adj away) peelaway tear \$4) with (sheath cannula sleeve))	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:00
S734	132	((fastener staple anchor closure) same slid\$5 same (sheath sleeve skin cannula cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	US-PGPUB; USPAT; UPAD	OR	ON	2011/02/15 16:00
S733	72	((fastener staple anchor closure) same slid\$5 same (sheath sleeve skin cannula cannula) same (peel-away peel-away ((peel peel) adj away) peelaway peelaway tear\$5)	USPAT; UPAD	OR	ON	2011/02/15 16:00

2/ 22/ 2011 7:53:44 PM

C:\Documents and Settings\ddornbusch\My Documents\workfolders taht need to be moved
 \ 10682459 closure device glenn.wsp